

For Research Use Only

IL-5 R alpha/CD125 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84948-1-PBS



Basic Information

Catalog Number:

84948-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_175726.4

GeneID (NCBI):

3568

UNIPROT ID:

Q01344-1

Full Name:

interleukin 5 receptor, alpha

Calculated MW:

48kDa

Purification Method:

Protein A purification

CloneNo.:

242234B1

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Product Information

84948-1-PBS targets IL-5 R alpha/CD125 as part of a matched antibody pair:

MP01699-1: 84948-1-PBS capture and 84948-3-PBS detection (validated in Cytometric bead array)

MP01699-3: 84948-1-PBS capture and 84948-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

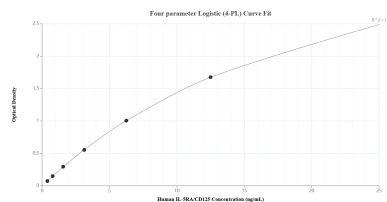
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

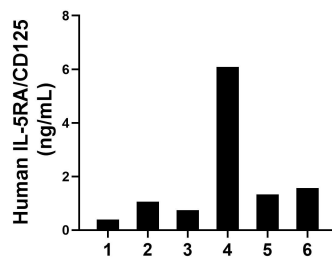
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

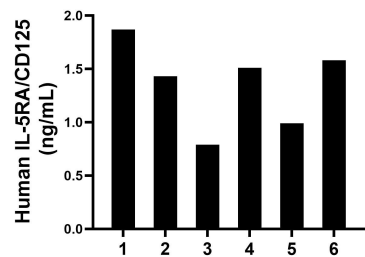
Selected Validation Data



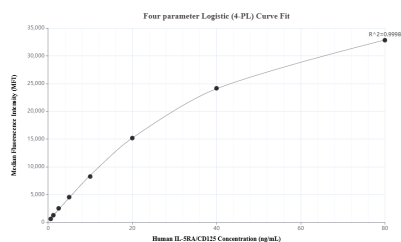
Sandwich ELISA standard curve of MP01699-3, Human IL-5RA/CD125 Recombinant Matched Antibody Pair - PBS only. 84948-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1665. 84948-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



Plasma of six individual healthy human donors was measured. The IL-5RA/CD125 concentration of detected samples was determined to be 1.86 ng/mL with a range of 0.39-6.09 ng/mL.



Serum of six individual healthy human donors was measured. The IL-5RA/CD125 concentration of detected samples was determined to be 1.36 ng/mL with a range of 0.79-1.87 ng/mL.



Cytometric bead array standard curve of MP01699-1, IL-5RA/CD125 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84948-1-PBS. Detection antibody: 84948-3-PBS. Standard: Eg1665. Range: 0.625-80 ng/mL.